



Product Number: 30

### Intumescent Gasket (Rubber)

#### Description:

A Graphite filled elastomeric compound containing flame retardants which is flexible in order to meet the needs of intumescent requirements. The material is dark grey/ black in colour and is available in various dimensions.

#### Application:

This material can be expected to expand to more than six times its original volume when subjected to temperatures of 500°C and above. When heated to approximately 160°C the graphite at the surface will start to exfoliate increasing progressively as the temperature increases. This makes the material ideal in demanding markets such as joints, seals and interfaces for the construction industries. The graphite material is helping to improve safety by stopping the spread of fire, saving lives and protecting property.

#### Properties:

As well as the superior efficiency in intumescent seals of all kinds it has other excellent properties:

- Safe to handle and easy to use
- Completely non-toxic, non-fibrous and dust free
- Self extinguishing binder
- Totally inert
- Resistance to extremes of climates (Approx -25°C to +50°C)
- Waterproof - still exfoliates after prolonged submersion
- In-definite shelf-life
- Excellent temperature insulation before and after exfoliation

#### Sizes:

Manufactured in various sizes to customer requirements: Standard sizes are:

1.8 mm +0.2/-0.1mm x 21m Long x 1m Wide (Weight 2.3 +/-0.2 kg/m<sup>2</sup>)  
3.8 mm +0.2/-0.1mm x 10.5m x 1m (Weight 4.85 +/-0.2 kg/m<sup>2</sup>)

These sizes can be available in strip form.